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CENTRAL INTELLIGENCE AGENCY

PHOTOGRAPHIC INTELLIGENCE REPORT

**A STUDY OF SELECTED TYPES
OF MILITARY STORAGE SITES
NEAR SANTA CLARA
CUBA**



PHOTOGRAPHIC INTELLIGENCE DIVISION

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A STUDY OF SELECTED TYPES OF MILITARY STORAGE SITES NEAR SANTA CLARA CUBA

INTRODUCTION

A study of the photography of Cuba has not revealed any storage sites which have characteristics normally associated with chemical warfare (CW) activities. However, persistent collateral reports indicate that CW agents are being employed by Castro forces against counter-insurgents, especially in the Santa Clara-Cienfuegos area. This report describes three types of storage sites in this area (Figure 1) which could be used for CW munitions storage on a temporary basis. There is no evidence to indicate that CW material is being stored at these sites at the present time.

Two of the storage sites are types usually associated with conventional munitions storage; such munitions storage facilities are not restricted to this area of Cuba, but have been

seen at various locations throughout the country. The third storage site, a POL storage area, is somewhat atypical. The three sites were selected on the basis of heavy security, isolation, and location relative to the cities cited in collateral reports.

In order to make a more realistic appraisal of the distance material would have to be transported to the storage sites, distances given under the headings of location and transportation are nautical miles (nm) by road. Distances given under the heading of security are straight line distances.

All measurements have been made by the CIA/PID project analyst. They should not be construed as being mensuration data compiled by the NPIC Technical Intelligence Division.

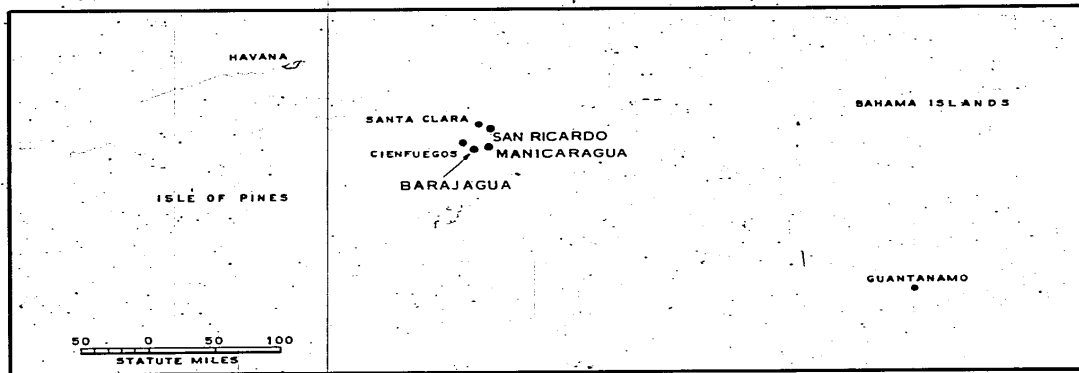


FIGURE 1. LOCATION MAP.

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MANICARAGUA STORAGE AREA

COORDS: 22-06N 079-58W

NPIC TARGET NO: 0586-291-B

25X1

Location

This isolated, heavily secured storage site is located 17.2 nm south of Santa Clara, 30.5 nm east of Cienfuegos, and 2.8 nm south of Manicaragua, Cuba (Figure 1). The site is situated in a hilly and lightly forested area.

Storage Facilities

Within the secured area are five large bunkers, six small bunkers, two revetted storage buildings, and several smaller buildings (Figure 2). One of the small bunkers has a drive-through capability. All of the bunkers

have larger-than-normal entrances, probably to facilitate the unloading of trucks.

Transportation

The site has no rail facilities. The nearest airfield is Camilo Cienfuegos Airfield, 25.6 nm to the north.

Security

The site is 2.5 nm south of Manicaragua, the nearest town. It is secured by a double fence. A guardhouse is located at each of the three entrances.

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BARAJAGUA STORAGE DEPOT

COORDS: 22-08N 080-04W
 NPIC TARGET NO: 0586-454

25X1

Location

This isolated, heavily secured storage site is located 22 nm SSW of Santa Clara, 24.7 nm east of Cienfuegos, and 4 nm ESE of Barajagua, Cuba (Figure 1). The facility has been constructed on former agricultural land and old fence lines are still visible within the site. Two separate areas are discernible: a test and fabrication area and a high-explosives (HE) munitions storage area (Figure 3).

Test and Fabrication Area (also known as La Moza Arms Plant).

This area contains a ballistics test range and a group of fabrication-type buildings. The absence of reyetted buildings (which are usually observed at shell-loading plants) in the fabrication section of this area indicates that the buildings are probably utilized, at least in part, for weapons assembly. The ballistics range, therefore, is probably used for weapons testing rather than propellant testing.

Storage Area

The storage area, which contains a relatively common type of HE munitions storage

buildings, probably serves a dual purpose: that of a normal HE munitions storage facility and that of a munitions service depot for the ballistics range. The area contains eight buildings, two of which are partially earth covered. All of the buildings are located in cutbacks.

Transportation

The depot does not have rail facilities. The nearest airfield is Jaime Gonzales Airfield, located on the outskirts of Cienfuegos, approximately 24 nm to the west.

Security

The depot is 3 nm ESE of Barajagua, the nearest town. Both areas of the depot are secured by a common single fence, and a second inner fence separately secures the storage area. Two possible guard towers and a probable gun position are visible within the single fence around the depot.

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SAN RICARDO POL STORAGE

COORDS: 22-23N 079-51W

NPIC TARGET NO:

BE NO: None

25X1

Location

This relatively isolated and secured POL storage area is located 5.2 nm east of Santa Clara, Cuba (Figure 1). The installation is also known as Santa Clara Underground POL Storage East.

Storage Facilities

Seven groups of storage drums are buried along a loop road in the northeast corner of this site (Figure 4). Additional storage drums are visible in an open storage area in the center of a second loop road located in the east-central part of the site. Two large storage buildings (buildings 1 and 2, Figure 4) are located in the western part of the site. An open storage area adjoins building 1. Building 3, located on a small knoll, appears to be lightly revetted, but the possible revetment may be only excess earth scraped up when the ground

was being leveled for construction of the building. Buildings 4, 5, and 6 appear to be administration/barracks-type buildings. Several small buildings are partially visible among the trees near the south entrance to the site.

Transportation

A railroad adjoins the north side of the site. Although no rail siding for off-loading is visible, a road crosses the tracks and enters the site from the north, thus making it possible for trucks to transport material from rail cars into the site. The nearest airfield is Camilo Cienfuegos Airfield, 12.5 nm to the northwest.

Security

The site is secured by a double fence. The nearest city is Santa Clara, 4.5 nm to the west.

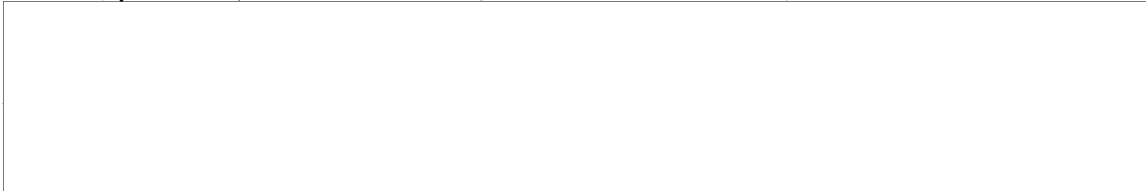
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REFERENCES



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MAPS OR CHARTS

ACIC. US Air Target Chart, Series 200, Sheet 0556-13HL, 2d ed, Jun '64, scale 1:200,000 (SECRET)

REQUIREMENT

CIA. C-S14-61,719

PROJECT

C-1341/64

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